

RAW SEQUENCE LISTING

EFS

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/595,845
Source: TFW0
Date Processed by STIC: 11/30/06

ENTERED



IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/595,845

DATE: 11/30/2006

TIME: 13:29:50

Input Set : N:\efs\11_30_06\10595845_efs\msk76_seq.txt
 Output Set: N:\CRF4\11302006\J595845.raw

3 <110> APPLICANT: Sloan Kettering Institute for Cancer Research
 4 Giancotti, Filippo G.
 6 <120> TITLE OF INVENTION: Methods for Controlling Pathological Angiogenesis by
 Inhibition
 7 of α6β4 integrin
 9 <130> FILE REFERENCE: MSK.P-076-WO
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/595,845
 C--> 11 <141> CURRENT FILING DATE: 2006-05-16
 11 <150> PRIOR APPLICATION NUMBER: US 60/481,696
 12 <151> PRIOR FILING DATE: 2003-11-22
 14 <160> NUMBER OF SEQ ID NOS: 9
 16 <170> SOFTWARE: PatentIn version 3.3
 18 <210> SEQ ID NO: 1
 19 <211> LENGTH: 245
 20 <212> TYPE: PRT
 21 <213> ORGANISM: artificial
 23 <220> FEATURE:
 24 <223> OTHER INFORMATION: human integrin-beta-4 binding protein
 26 <400> SEQUENCE: 1
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 36 Asn Phe Tyr Ser Val Phe Glu Gly Glu Leu Ser Asp Thr Ile Pro Val
 37 35 40 45
 40 Val His Ala Ser Ile Ala Gly Cys Arg Ile Ile Gly Arg Met Cys Val
 41 50 55 60
 44 Gly Asn Arg His Gly Leu Leu Val Pro Asn Asn Thr Thr Asp Gln Glu
 45 65 70 75 80
 48 Leu Gln His Ile Arg Asn Ser Leu Pro Asp Thr Val Gln Ile Arg Arg
 49 85 90 95
 52 Val Glu Glu Arg Leu Ser Ala Leu Gly Asn Val Thr Thr Cys Asn Asp
 53 100 105 110
 56 Tyr Val Ala Leu Val His Pro Asp Leu Asp Arg Glu Thr Glu Glu Ile
 57 115 120 125
 60 Leu Ala Asp Val Leu Lys Val Glu Val Phe Arg Gln Thr Val Ala Asp
 61 130 135 140
 64 Gln Val Leu Val Gly Ser Tyr Cys Val Phe Ser Asn Gln Gly Gly Leu
 65 145 150 155 160
 68 Val His Pro Lys Thr Ser Ile Glu Asp Gln Asp Glu Leu Ser Ser Leu
 69 165 170 175
 72 Leu Gln Val Pro Leu Val Ala Gly Thr Val Asn Arg Gly Ser Glu Val
 73 180 185 190
 76 Ile Ala Ala Gly Met Val Val Asn Asp Trp Cys Ala Phe Cys Gly Leu

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92 <210> SEQ_ID NO: 2

93 <211> LENGTH: 5469

94 <212> TYPE: DNA

95 <213> ORGANISM: human

97 <400> SEQUENCE: 2

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102	tgtgtccgtg tggataagga ctgcgcctac tgcacagacg agatgttcag ggaccggcgc	180
104	tgcaaacaccc aggcggagct gctggccgcg ggctgcccagc gggagagcat cgtgttcatg	240
106	gagagcagct tccaaatcac agaggagacc cagattgaca ccaccctgcg gcgcagccag	300
108	atgtcccccc aaggcctgcg gttccgtctg cggcccggtg aggagcgcga ttttgagctg	360
110	gggtgttttgg agccacttggg gggccgggtg gacctgtaca tcctcatggg ctttccaaac	420
112	tccatgtccg atgatgtggg caacccctcaag aagatggggc agaacctggc tcgggttctg	480
114	agccagctca ccagcgacta cactatttggg tttggcaagt ttgtggacaa agtcagcgtc	540
116	ccgcagacgg acatgaggcc tgagaagctg aaggagccct ggcccaacacg tgacccccc	600
118	ttctcccttca agaacgtcat cagcctgaca gaagatgtgg atgagttccg gaataaaactg	660
120	cagggagagc ggatctcagg caaccctggat gctcttgcgg gcggcttcga tgcctatcctg	720
122	cagacagctg tgtgcacgag gacatttggc tggcccccgg acagcaccca cctgtgtgtc	780
124	ttctccaccc agtcagcctt ccactatgag gctgtatggc ccaacgtgtc ggctggcatc	840
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130	cccatcttttgc tgcacccaa ctactcttat agctactacg agaagcttca cacattttc	1020
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164	cttaagagag ccgaggagggt ggtgggtgcgc tgctcccttcc gggacggagga tgacgactgc	2040
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168	cacaagaaga aggactgccc tccggctcc ttctgggtgc tcatccccct gctccctcctc	2160
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176	agcgggaacc	tcaaggggccg	tgacgtggc	cgctggaaagg	tcaccaacaa	catgcagcgg	2400
178	cctggctttg	ccactcatgc	cgccagcatc	aaccccacag	agctggtccc	ctacgggctg	2460
180	tccttgcgcc	tggcccgctt	ttgcaccgg	aacctgctga	agcctgacac	tcgggagtgc	2520
182	gcccagctgc	gccaggaggt	ggaggagaac	ctgaacgagg	tctacaggca	gatctccggt	2580
184	gtacacaagc	tccagcaqaa	caagttccgg	cagcagccca	atgcccggaa	aaagcaagac	2640
186	cacaccattt	tggacacagt	gtctgatggc	ccccccgtcgg	ccaagccggc	cctgctgaag	2700
188	cttacagaga	agcaggtgga	acagaggccc	ttccacgacc	tcaaggtggc	ccccggctac	2760
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192	ctgggtggacg	tacgggtgcc	cctctttata	cggcctgagg	atgacgacga	gaagcagctg	2880
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198	gtcagccg	gggaccagg	ggcccgatc	cctgtcatcc	ggcgtgttct	ggacggcggg	3060
200	aagtcccagg	tctccatccg	cacacaggat	ggcacccgccc	agggcaaccg	ggactacatc	3120
202	cccggtggagg	gtgagctgct	gttccagctt	ggggaggcct	ggaaagagct	gcaggtgaag	3180
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250	tctcgctga	ctgctgggt	gcccacacg	cccacccggcc	tggtgttctc	tgccctgggg	4620
252	cccacatctc	tcaagatgt	ctggcaggag	ccggcgtgtcg	agcggccgt	gcagggctac	4680
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256	gcccagaccc	cgggtgggt	ggaagaccc	ctgccccacc	actcctacgt	gttccgcgtg	4800
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260	cagggtgcacc	cgcagagccc	actgtgtccc	ctgcacggct	ccgccttcac	tttgagcact	4920
262	cccaactgccc	caggcccgct	gtgttca	gccctgagcc	cagactcgct	gcagctgagc	4980
264	tgggagcggc	cacggaggcc	caatgggat	atcgtcggt	acctggtgac	ctgtgagatg	5040
266	gccccaaagg	gaggggccagc	caccgcattc	cgggtggat	gagacagccc	cgagagccgg	5100
268	ctgaccgtgc	cgggcctcag	cgagaacgt	ccctacaatgt	tcaagggtca	ggccaggacc	5160

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369	ggagttgcta aacctccca ggtgtatttt ggaggtacag ttgttggcga gcaagctatg	2460
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379	aaacgggaaa ttactgaaaaacagatagat gataacagaa aattttcttt atttgctgaa	2760
381	agaaaatacc agactcttaa ctgtacgtg aacgtgaact gtgtgaacat cagatccccg	2820
383	ctgcgggggc tggacagcaa ggcgtctttt attttgcgtc cgaggttatg gaacagcaca	2880
385	tttcttagagg aatattccaa actgaactac ttggacattc tcatgcgagc cttcattgtat	2940
387	gtgactgctg ctgcccggaaa tattcaggctg ccaaattgcag gcactcagggt tcgagtgtact	3000
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393	ttcttcaaga gaaataagaa agatcattat gatgccacat atcacaaggc tgagatccat	3180
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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 11/30/2006
PATENT APPLICATION: US/10/595,845 TIME: 13:29:51

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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,5,7,8,9

VERIFICATION SUMMARY

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L:11 M:270 C: Current Application Number differs, Replaced Current Application No

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date